Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111921\
Data File : VL038091.D
Acq On : 19 Nov 2021 18:47
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Nov 22 06:36:29 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	793242	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2237573	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1861146	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1419774	10.58	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.80%			
Target Compounds						Qvalue
9) Propene	3.01	41	2156	0.035	ppbv #	27
13) Ethanol	3.61	45	640	0.108	ppbv	80
15) Acetone	3.87	43	4044	0.059	ppbv #	47
20) Methylene Chloride	4.32	84	3614	0.094	ppbv #	74
39) 1,2-Dichloropropane	7.14	63	565385	6.603	ppbv #	27
52) Tetrachloroethene	11.19	164	9331	0.113	ppbv	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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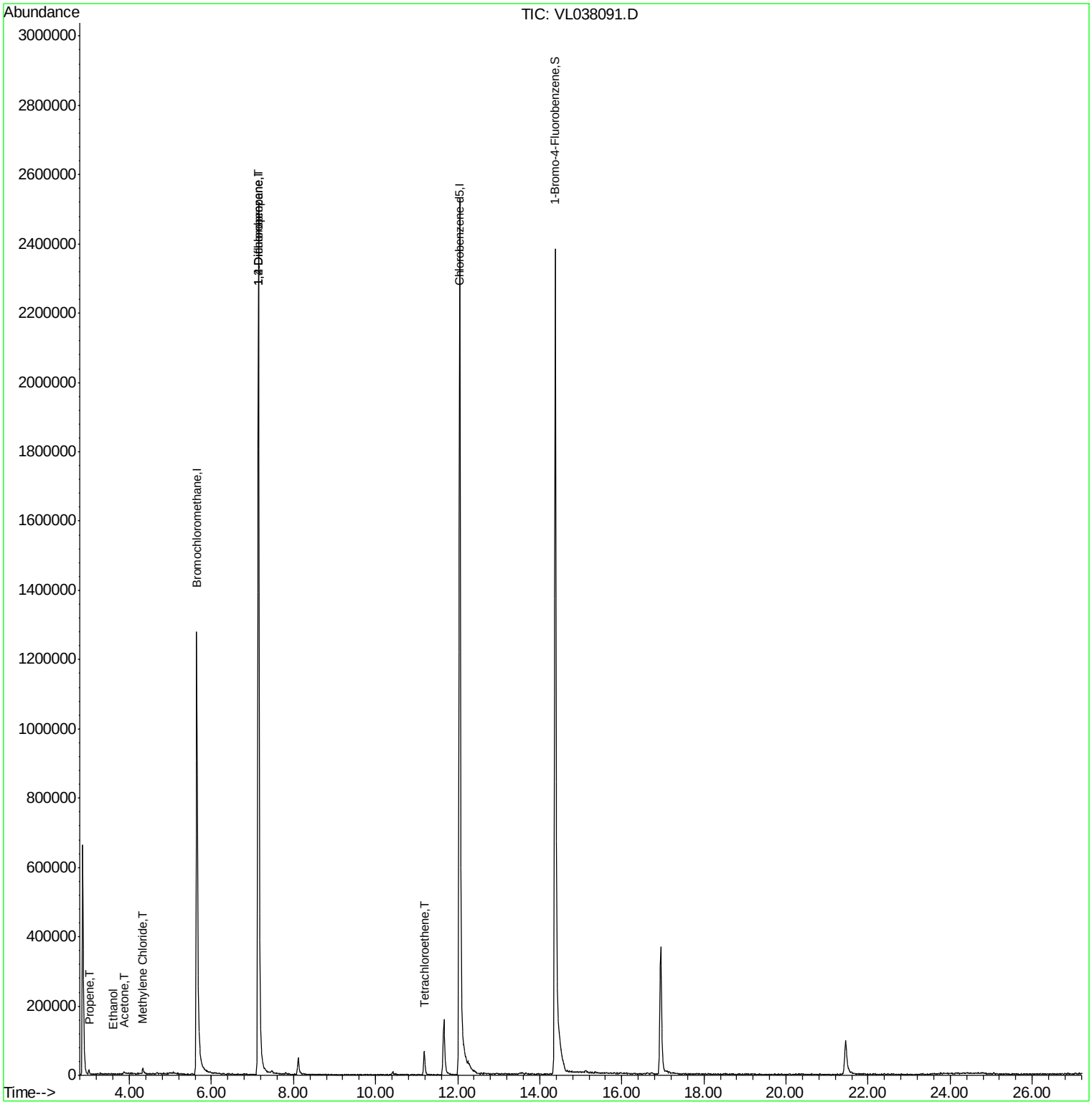
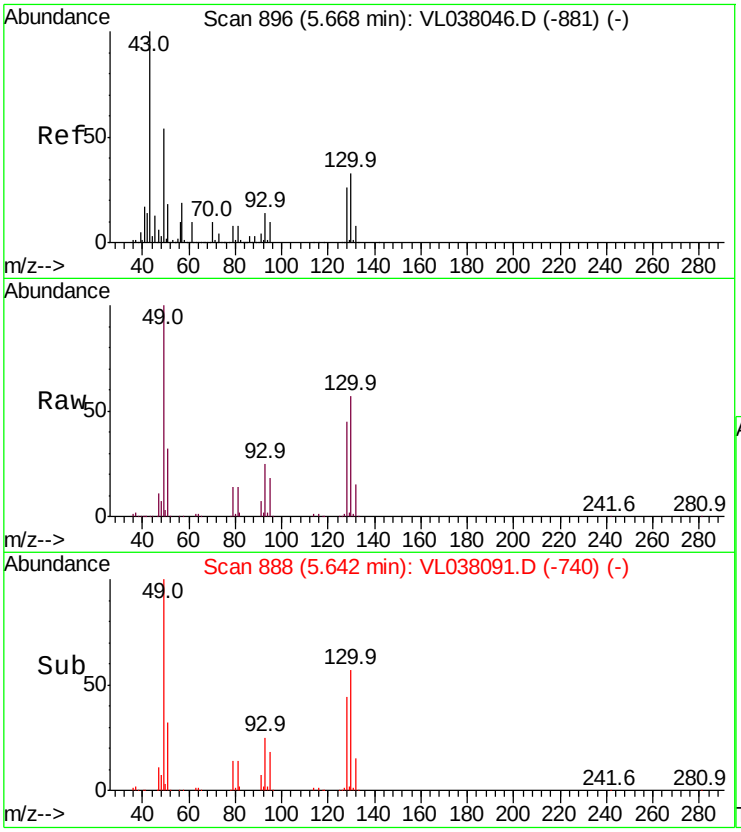


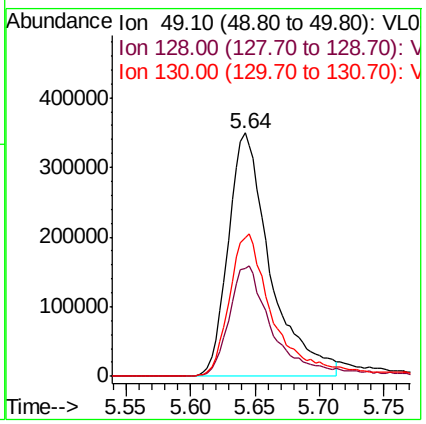


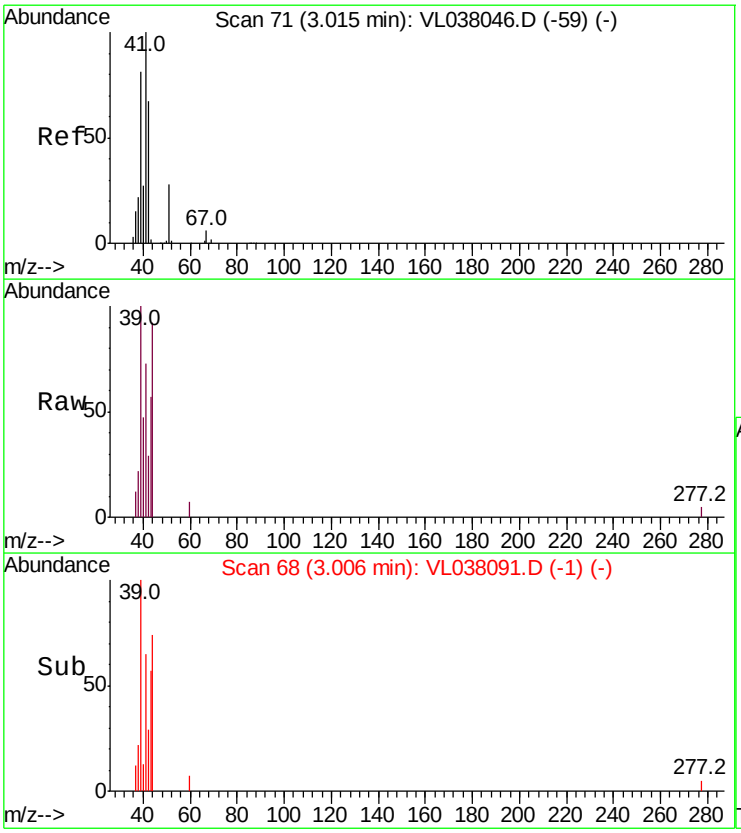
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 19 Nov 2021 18:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 793242

Ion	Ratio	Lower	Upper
49	100		
128	49.8	26.5	79.5
130	63.8	32.5	97.4

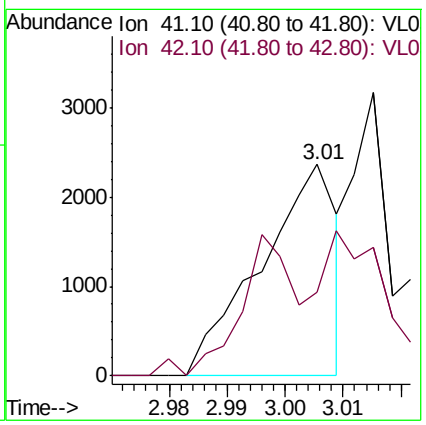


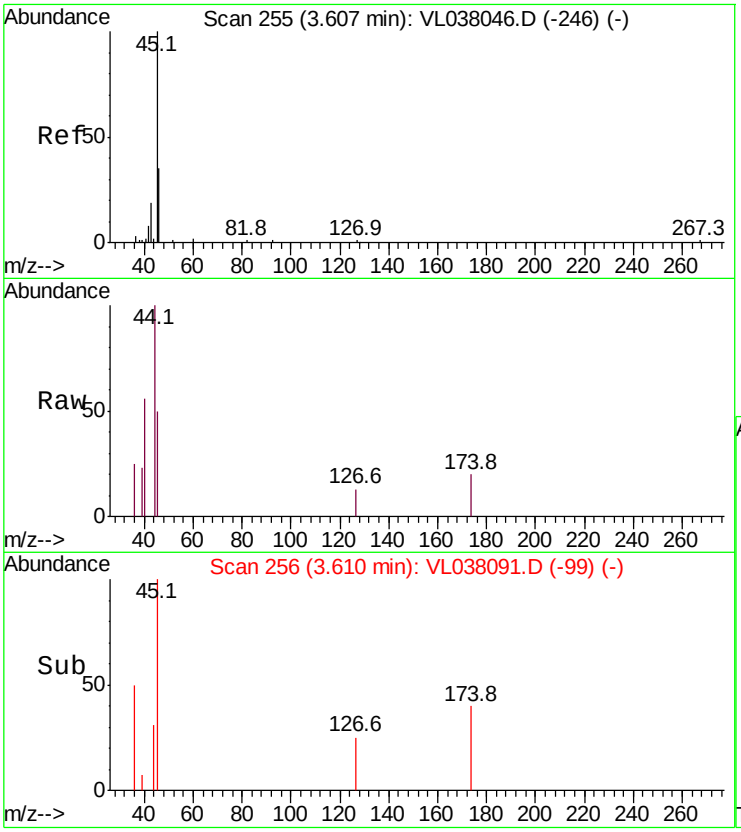


#9
Propene
Concen: 0.035 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL038091.D
Acq: 19 Nov 2021 18:47

Tgt Ion: 41 Resp: 2156

Ion	Ratio	Lower	Upper
41	100		
42	125.9	53.8	80.8#



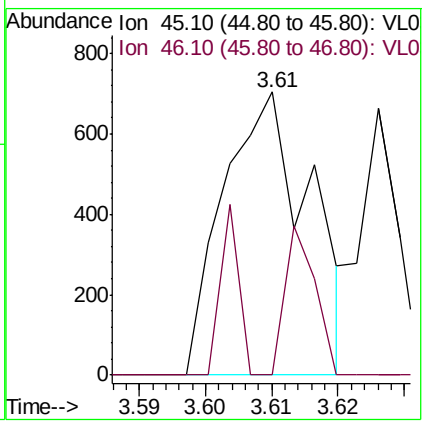


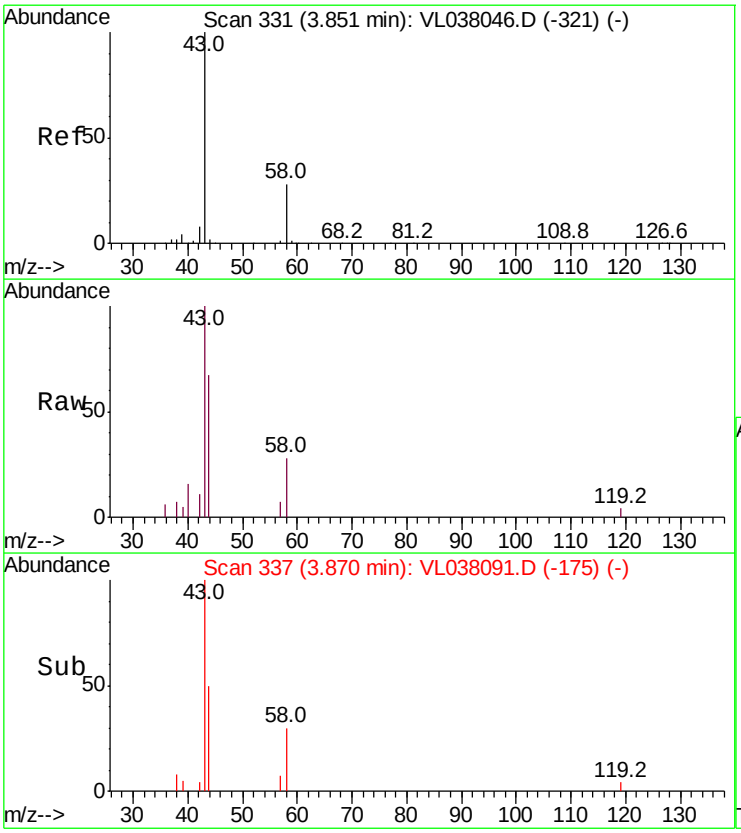
#13
Ethanol
Concen: 0.108 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 19 Nov 2021 18:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 45 Resp: 640

Ion	Ratio	Lower	Upper
45	100		
46	31.3	17.6	70.2

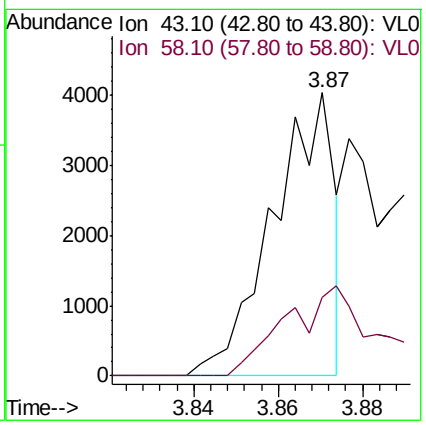


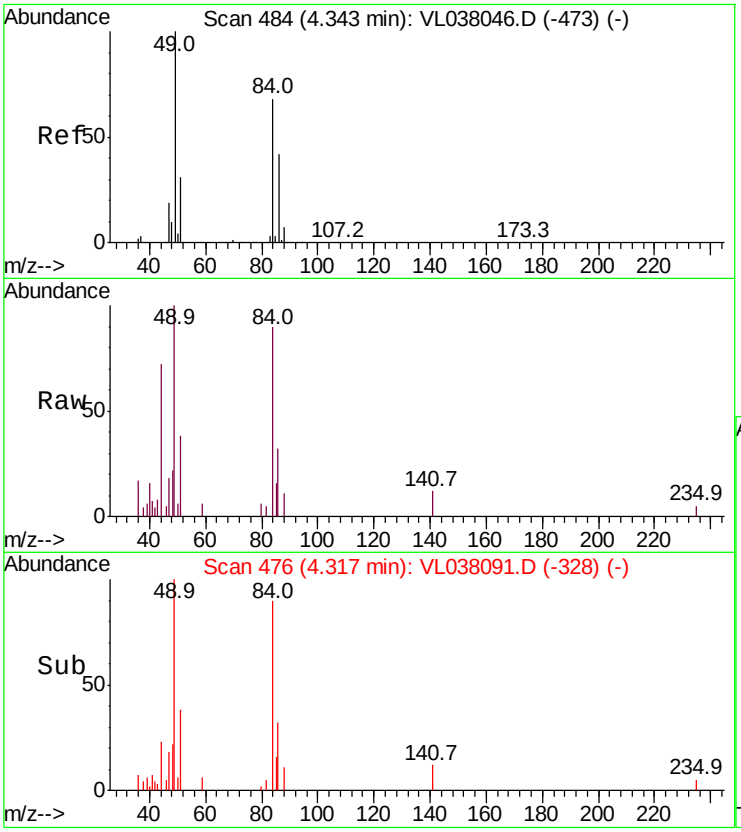


#15
Acetone
Concen: 0.059 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL038091.D
Acq: 19 Nov 2021 18:47

Tgt Ion: 43 Resp: 4044

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.4	33.6#



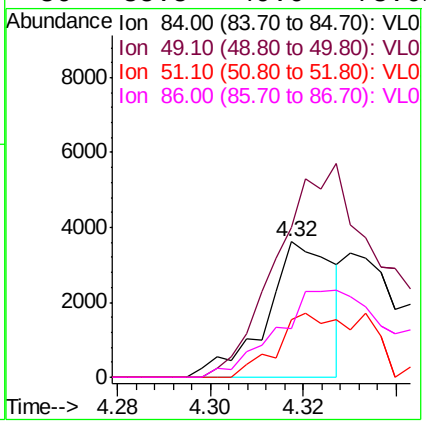


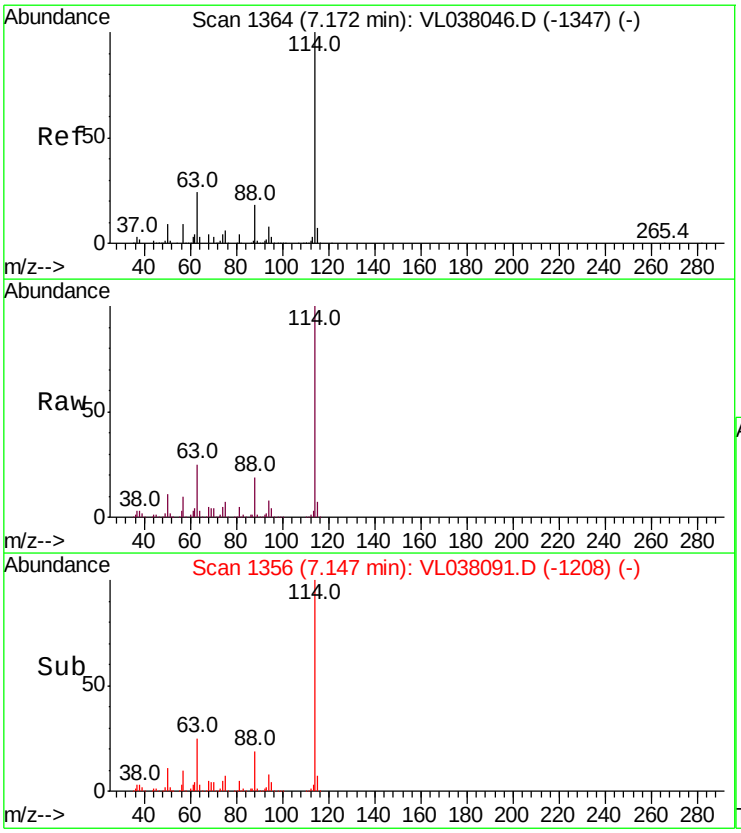
#20
Methylene Chloride
Concen: 0.094 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 19 Nov 2021 18:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 3614

Ion	Ratio	Lower	Upper
84	100		
49	110.7	118.2	177.2#
51	42.3	36.8	55.2
86	35.5	49.0	73.6#

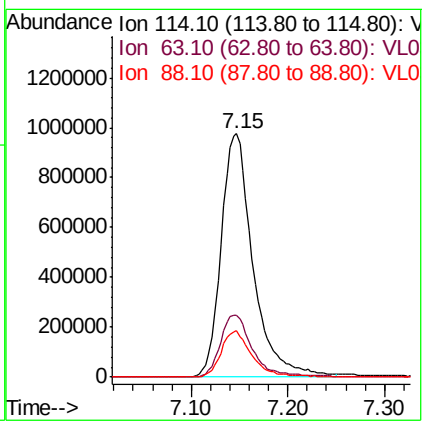


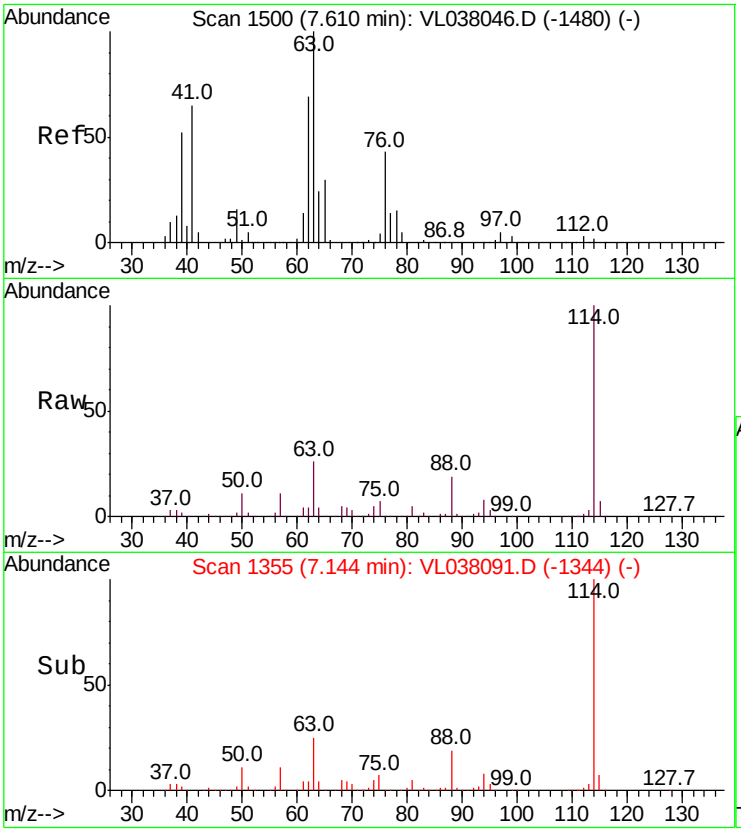


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL038091.D
Acq: 19 Nov 2021 18:47

Tgt Ion:114 Resp: 2237573

Ion	Ratio	Lower	Upper
114	100		
63	25.9	19.7	29.5
88	18.4	14.4	21.6



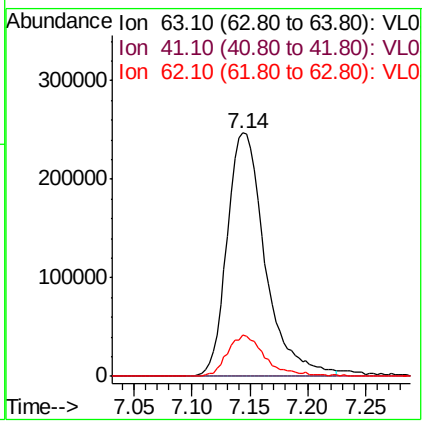


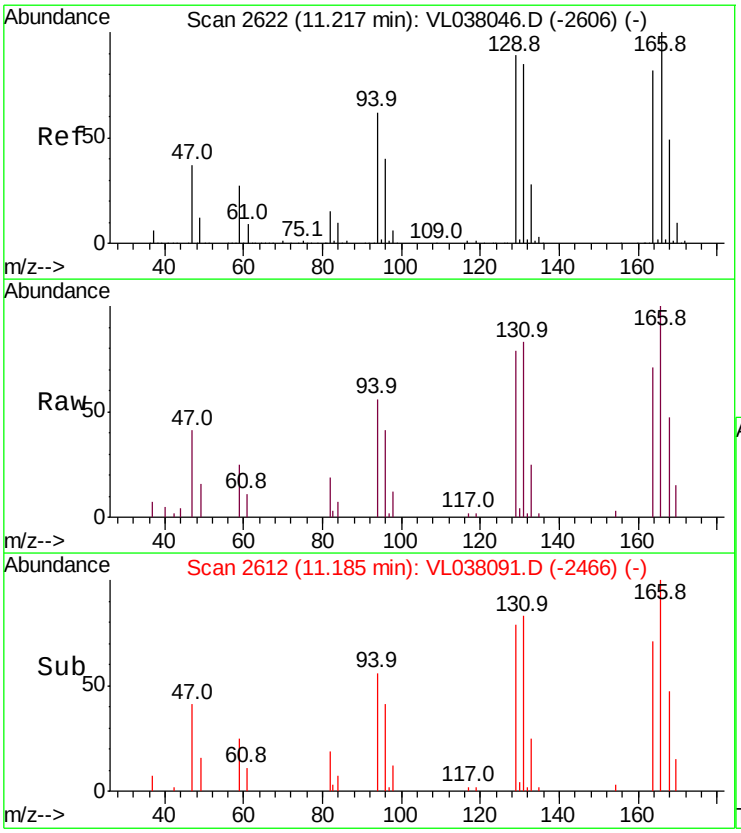
#39
1,2-Dichloropropane
Concen: 6.603 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 19 Nov 2021 18:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 565385

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.3	78.5#
62	17.2	55.1	82.7#

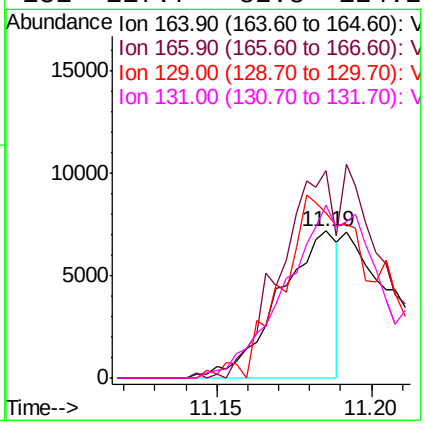


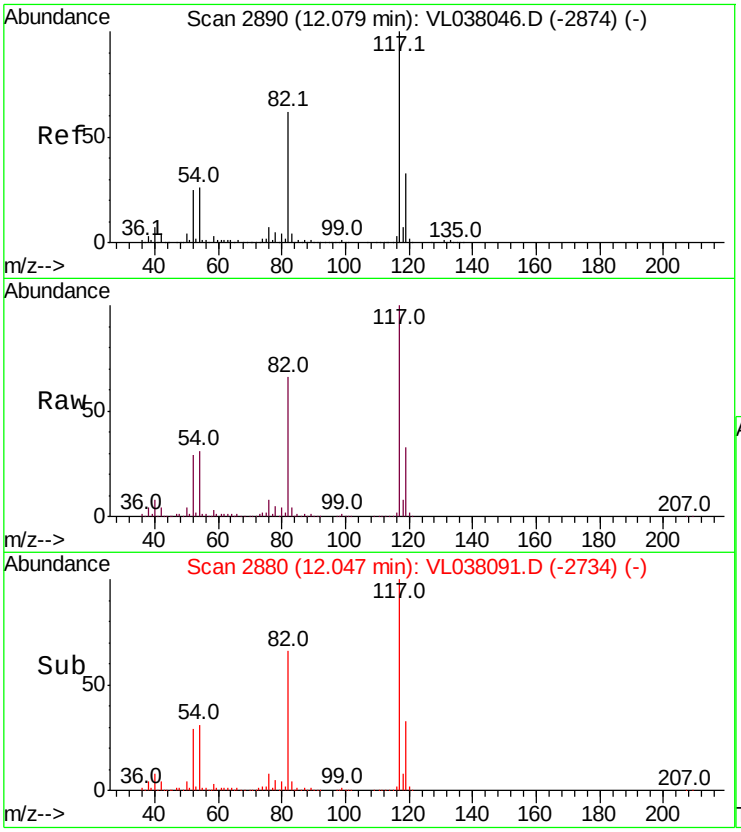


#52
Tetrachloroethene
Concen: 0.113 ppbv
RT: 11.19 min Scan# 2612
Delta R.T. -0.03 min
Lab File: VL038091.D
Acq: 19 Nov 2021 18:47

Tgt Ion:164 Resp: 9331

Ion	Ratio	Lower	Upper
164	100		
166	141.0	97.2	145.8
129	112.1	86.9	130.3
131	117.7	82.8	124.2



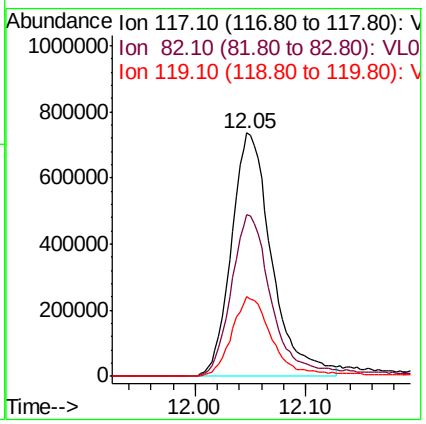


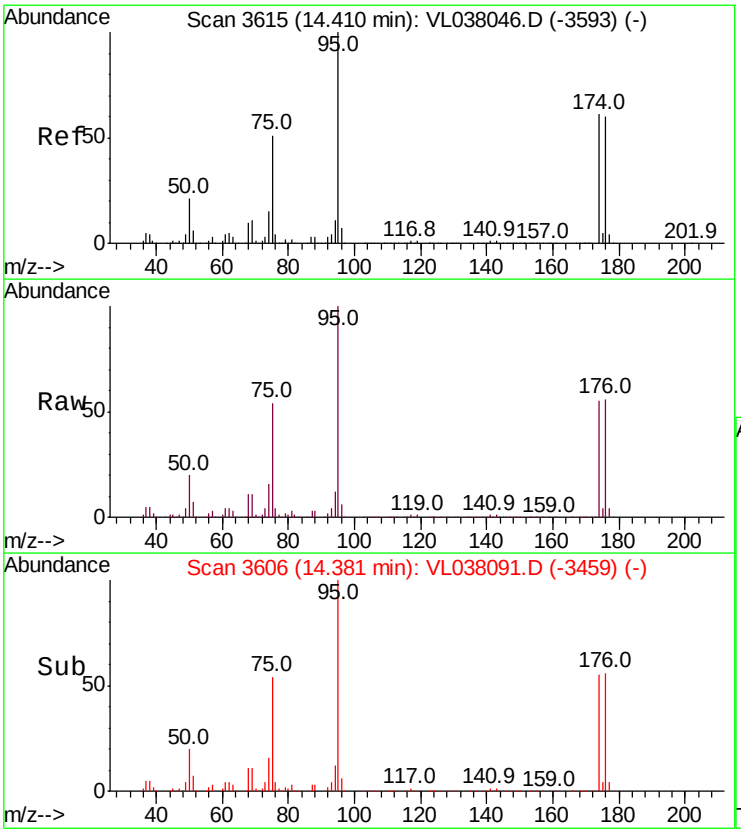
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 19 Nov 2021 18:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1861146

Ion	Ratio	Lower	Upper
117	100		
82	70.9	52.8	79.2
119	34.4	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.576 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.03 min
Lab File: VL038091.D
Acq: 19 Nov 2021 18:47

Tgt Ion: 95 Resp: 1419774

Ion	Ratio	Lower	Upper
95	100		
174	62.8	53.1	79.7
175	4.6	4.0	6.0